

EAST Search

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	91	(sulfonium or sulphoniu) and (photoresist) and (pag or photoacid) and ((430/270.1).ccls.) and positive	USPAT; EPO; JPO	2000/01/19 08:41
2	BRS	L3	12	1 and (pma or (((propylene adj1 glycol) adj1 methyl) adj1 ether) adj1 acetate))	USPAT; EPO; JPO	2000/01/19 08:42
3	BRS	L4	169	((("430/270.1".CCLS.) AND (SULPHONIUM OR SULFONIUM)) AND (PHOTOACID OR photoinitiator or PAG) AND PHOTORESIST AND POSITIVE)	USPAT; EPO; JPO	2000/01/19 08:41
4	BRS	L6	27	(4 AND (PMA OR (PROPYLENE ADJ1 GLYCOL ADJ1 METHYL ADJ1 ETHER ADJ1 ACETATE)))	USPAT; EPO; JPO	2000/01/19 08:42

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	154	(sulfonium or sulphonium) and (photoresist) and (pag or photoacid)	USPAT	2000/01/18 16:24
2	BRS	L2	97	1 and (430/270.1).ccls.	USPAT	2000/01/18 16:24
3	BRS	L3	91	2 and positive	USPAT	2000/01/18 16:25
4	BRS	L4	12	3 and (pma or (((propylene adj1 glycol) adj1 methyl) adj1 ether) adj1 acetate))	USPAT	2000/01/18 16:26

From US Patent No. 5,753,412

DEPR:

Additional discussions concerning sulfonium and iodonium salts can be found, for instance, in Crivello, et al., "Complex Triarylsulfonium Salt Photoinitiators . II. The Preparation of Several New Complex Triarylsulfonium Salts and the Influence of Their Structure in Photoinitiated Cationic Polymerization", Journal of Polymer Science: Polymer Chemistry Edition, Vol. 18, pp. 2697-2714 (1980) John Wiley & Sons, Inc.; Pappas, et al, "Photoinitiation of Cationic Polymerization. III. Photosensitization of Diphenyliodonium and Triphenylsulfonium Salts," Journal of Polymer Science: Polymer Chemistry Edition, Vol. 22, pp. 77-84, (1984) John Wiley & Sons, Inc.; Crivello, et al., "Photoinitiated Cationic Polymerization With Triarylsulfonium Salts," Journal of Polymer Science: Polymer Chemistry Edition, Vol. 17, pp. 977-999, (1979) John Wiley & Sons, Inc.; Crivello, et al., "Complex Triarylsulfonium Salt Photoinitiators . I. The Identification, Characterization, and Syntheses of a New Class of Triarylsulfonium Salt Photoinitiators," Journal of Polymer Science: Polymer Chemistry Edition, Vol. 18, pp. 2677-2695, (1980), John Wiley & Sons, Inc.; and Crivello, "Cationic Polymerization - Iodonium and Sulfonium Salt Photoinitiators," Advances In Polymer Science, Series #62, pp. 1-48 (1984), Springer-Verlag.